ABSTRACT

to the Report on the Fixation of the Decentralized Network of Verified Identifiers
(Development of the “Digital Business Identity” concept)

18 December, 2025

This abstract precedes the document in which I, as the author and rights holder of the concept, record its development.

The system enables any individual or organization, on a strictly voluntary basis, to convert their existing profile into a transferable digital asset anchored on a blockchain and cryptographically protected. Following a single, one-time operation paid for exclusively by the user and creating no obligations on the part of the developer, the user receives:

- an immutable and publicly verifiable record of their identity and reputation;
- absolute ownership of this asset, including the right to sell, gift, or bequeath it in accordance with applicable law;
- automatic registration in the platform’s own federated decentralized social network;
- a utility token intended solely for access to basic system functions, with no guarantees of value, yield, or any other benefits.

All elements (transferability of the profile, utility token, automatic registration in the federated network, user-funded minting model, and zero-knowledge proof layer) are introduced in this document and constitute original developments by the author.

The architecture eliminates any dependence on centralized platforms and treats digital identity as property comparable in its legal characteristics to traditional assets, without imposing any obligations or providing any guarantees on the part of the developer. No upfront investment by the developer is required; the user independently bears all costs and risks associated with creating and using the asset, thereby ensuring full voluntariness and excluding any form of coercion.

The present report forms a verifiable chain of priority serving as the basis for copyright protection, patenting, and any future licensing in accordance with international and national law.

Report on the Fixation of the Decentralized Network of Verified Identifiers

(Development of the “Digital Business Identity” concept)

Date of fixation: 18th of December, 2025

I, as the original author, initiator, and primary developer of the “Digital Business Identity” (DBI) concept, Date of fixation: 16th of September, 2025, hereby officially record its development through this document.

The document is published openly and establishes a chain of intellectual property rights in accordance with international copyright and patent law standards (Berne Convention, Paris Convention, and applicable national legislation). It serves as evidence of priority and as a foundation for any future patent applications, without creating any obligations or guarantees on the part of the author.

1. Description of the Concept

The core concept is a digital identity system linked to the real world via NFC and anchored on a blockchain. The key elements include:

- Binding of profiles to a country (individuals) or geolocation + business category (companies);
- Decentralized verification of data;
- NFC as a bridge between the digital and physical worlds;
- Creation of a foundation for trust among people, companies, and things.

These elements form the foundation of the system, without any guarantees or obligations.

2. Developments (November 2025)

The following technical and economic components are introduced in this document and constitute original developments by the author:

2.1 Transferability of profiles

Any profile (whether of an individual or a company) may be converted into a transferable NFT. The NFT owner acquires ownership of the public digital identity and associated data in accordance with applicable law. The token may be sold, gifted, or bequeathed without any involvement of the platform.

2.2 Utility token
Upon creation of the NFT, the user receives a fixed amount of a utility token intended solely for access to basic system functions, with no guarantees of value, yield, or any other advantages.

2.3 Automatic registration in federated social networks
Creation of the NFT enables automatic registration in the platform's own federated decentralized social network. The NFT serves as the basis for a verified status, without any obligation of support or availability.

2.4 User-funded minting model
All costs related to asset creation (gas, storage, liquidity provision) are borne exclusively by the user at the time of the operation. The developer assumes no financial obligations or guarantees.

2.5 Zero-knowledge proof layer
Sensitive data may be proven on-chain without disclosure, ensuring privacy while maintaining public verifiability, in compliance with applicable data protection regulations.

3. Comparative table (legal and technical safety)

Element	Present document	Status
Blockchain-anchored profiles	Yes	Original
NFC as a physical bridge	Yes	Original
Country / geo + category binding	Yes	Original
Transferable NFT profiles	Fully introduced	Original
Utility token	Fully introduced	Original
Auto-registration in federated networks	Fully introduced	Original
User-funded minting + zero-knowledge layer	Fully introduced	Original

All elements are deliberate, documented developments created exclusively by the author, without any obligations toward third parties.

4. Conclusion and fixation

I hereby fix the concept, including all elements listed in Section 2, as my original intellectual property. This document establishes a chain of priority and serves as the authoritative source for any future protection of rights, licensing, or enforcement actions, without creating any obligations or guarantees on the part of the author.

Mr Andrei Napoleonov
Date: 18 December 2025